



HF Happenings 959

The second leg of the SARL Youth Sprint

The second leg of the YL Sprint is a fun activity to celebrate International Youth Day (12 August each year) and for amateurs to work as many Young radio amateurs as possible. Youngsters work everybody and above 26 years of age ONLY work Youngsters!

The Sprint runs from 12:00 to 13:00 UTC (14:00 to 15:00 CAT) on Saturday 14 August 2021. The exchange is a RS(T) report and the operator's age; the QSY rules for Sprints apply! It is a CW and phone sprint on the 40-metre band, remember that 7 100 to 7 130 kHz is contest free.

QSOs between stations in the age group 26 and younger are worth 5 points. QSOs between stations in the under 26 group and over 26 group is worth 2 points and QSOs between stations in the age group 27 and older are worth 1 point.

Logs in ADIF, Cabrillo with a summary sheet or MS Excel log sheet must be submitted by 23:59 CAT on Thursday 19 August 2021 by e-mail to zs3vdk@webmail.co.za. PLEASE NOTE: the Cabrillo and ADIF file carries NO contest scoring information! Please complete the summary sheet and submit it with your Cabrillo or ADIF file. When submitting your log, your call sign must appear in the file name, e.g., ZR6BP SARL Youth Sprint.xlsx / .adi / .cbr.

The preliminary results of the SARL HF Phone Contest

Twenty-nine logs were received for the SARL HF Phone Contest held on Sunday 1 August 2021. 1 288 QSOs were made during the three hours with 12 on 20 metres, 712 on 40 metres and 564 on 80 metres. 28 logs were single operator and number 29 a multi-operator station.

It was noticed that "WhatsApp a QSO" was active in a log or two – yes, each log is checked! After checking logs from 2002, you start to pick up the once a year on the air stations and the solicited by other means than CQ in a log! It makes me

August

- 9 – National Women's Day; SARL YL Sprint; West Rand meeting
- 12 - International Youth Day
- 12 and 12a - Perseids MS
- 12a - Namibia schools close
- 14 - SARL Youth Sprint
- 14 and 15 - WAE CW contest
- 15 – SARL HF Digital contest
- 17 - PEARS and Border ARC meetings
- 21 - Magalies and Highway ARCs meeting
- 21 and 22 - International Lighthouse Weekend
- 22 – Full Moon
- 28 - CTARC meeting; SARL 40 m Grid Square sprint
- 29 – the SARL HF CW contest
- 31 – the Secunda ARC meeting

September

- 1 - Namibia schools open; National Arbor Week
- 4 - West Rand Flea Market; Durban ARC meeting
- 4 and 5 – IARU Region 1 Field Day; Namibian Field Day
- 6 and 7 - Rosh Hashanah
- 8 - Early Morning Coffee Sprint
- 11 and 12 - SARL National Field Day; WAE SSB contest
- 13 – West Rand ARC meeting
- 15 – SARL 80 m Club Sprint
- 15 and 16 - Yom Kippur
- 16 - World Ozone Day
- 18 - Magalies and Highway ARCs meeting
- 18 and 19 - SARL VHF/UHF Digital contest

see red – why not just work the stations calling CQ? Why must you resort to soliciting points? The DX Code of Conduct states – “I will respect my fellow radio amateurs and conduct myself so as to earn their respect!” “Ek sal my mede Amateurs respekteer en myself handhaaf om sodoende hulle respek te verdien.” I think name and shame is the next step.

Club Competition

- 1st the Northern Cape ARC – 411 points
- 2nd the West Rand ARC – 253 points
- 3rd PEARS – 214 points
- 4th the Bloemfontein ARC – 179 points
- 5th the Sandton ARC – 163 points
- 6th the Bo-Karoo ARC – 113 points
- 7th the Cape Radio Group – 95 points
- 8th the Vrystaat ARC – 73 points
- 9th the Border Radio Club – 72 points
- 10th the Hibiscus Coast ARC – 51 points
- 11th the Cape Town Amateur Radio Centre – 48 points
- 12th the Magalies Radio Club – 39 points

Multi-operator station

The Cape Radio Group, ZS1CRG – 95 points

Single operator stations

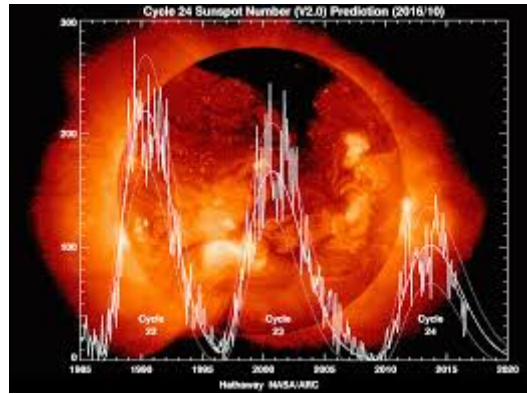
- 1st Jan Botha, ZS4JAN – 179 points
- 2nd Gerhard Coetzee, ZS3TG – 120 points
- 3rd Woody Collett, ZS3WL – 113 points
- 4th Chris Avenant, ZS6CPA – 99 points
- 5th Nick Dreyer, ZS1N – 95 points
- 6th Roy Walsh, ZS3RW – 86 points
- 7th Keith Barker, ZS6HI – 84 points
- 8th Esme Walsh, ZS3EW – 81 points
- 9th Dave Higgs, ZS2DH – 78 points
- 10th Johan van Zijl, ZS4DZ – 73 points
- 11th Garth Moore, ZS2AAR and Theunis Potgieter, ZS2EC – 72 points
- 13th Kobus Boshoff, ZS6BOS – 70 points
- 14th Nelius van Niekerk, ZS3NN – 53 points
- 15th Heather Holland, ZS5YH – 51 points
- 16th Gert du Plessis, ZR6GRT – 45 points
- 17th Karen Andrew, ZS6MMA – 43 points
- 18th Johannes Olivier, ZS3JO – 42 points
- 19th Pierre Smit, ZS6PS – 39 points
- 20th Keverne Burger, ZR2BK and Dylan Macdonald, ZS2MAC – 32 points
- 22nd David MacGregor, ZR6DM – 31 points
- 23rd Gert Marais, ZS3GM – 29 points
- 24th Gerhard Gericke, ZS6CRS – 28 points
- 25th Jerry Sinner, 9J2BS – 20 points
- 26th Phil McLean, ZS1WW; Bryce McLean, ZU1BM and Kiara McLean, ZU1ISS – 16 points

Revised prediction for Solar Cycle 25

Bob Marston AA6XE

A revised prediction from the NASA High Altitude Observatory based at the University Of Colorado.

NASA Helio-physicists have released a revised prediction for Solar Cycle 25. The report generated by Ricky Egeland a Solar Physicist working in the NASA Space Radiation Analysis Group now calls for the peak of Solar Cycle 25 to top out at a value of 195 ± 17 based upon the new scale for calculating Smoothed Sun Spot Number. For reference Solar Cycle 21 peaked at an SSN 233 (new scale) while Solar Cycle 23 peaked at an SSN of 180 (new scale). If this predictions holds up, Amateur Radio will see Excellent Worldwide F Layer Conditions on 10 Metres for several years around Solar Max. 6 Metre conditions should be good in the Equinox Periods before and after Solar Max with consistent openings on Medium Haul Polar Routes. 6 Metre routes traversing the equator should experience consistent openings ± 9 months from Solar Max.



Ricky Egeland is a participating member in the group headed up by Scott McIntosh and Bob Leamon that published a paper 9 months ago outlining the existence magnetic bands within the Sun that govern the Sunspot and Hale Cycles. At the time of its publishing the paper went on to predict the peak of Solar Cycle 25 could be as high Solar Cycle 21. Today's released is a revised prediction based upon data observed since the original paper was published. To be sure we are still in early days. The Solar Rotation Cycle as marked by Sunspot Activity was established on 19 April 2021, so we are only 90 days into actually observing Cycle 25 Activity. It is now agreed the dramatic run-up in Sunspot Activity we experienced late last autumn (NH) while tied to Cycle 25 was an outlier. When asked directly about whether they can declare if the Terminator Event they wrote about in the Autumn 2020 Paper has occurred. Scott McIntosh stated, "We can't be sure just yet, but we are very very close." It also should be noted that while it has been over a year since the sun produced a Cycle 24 Region with a Sunspot worthy of a NASA Classification, the Sun has been steadily producing Spotless SC 24 Active Regions the last of which formed right on the Solar Equator at N00-W54 on 24 July 2021 as recorded by Jan Alvestad's Solar Terrestrial Activity Report Website. These Active Regions being part of a Solar Cycle in its final stages of existence produce no spots and only last for a few hours before they dissipate away. The previous SC24 Active Region formed on 28 June 2021. Once the SC24 active regions cease forming Solar Cycle 25 will take off in earnest.

An update on the Etching PC Boards item from HF Happenings 958.

The video is called "Ink Filled Brass Machine Plates" but along the way you'll see how a good etchant for brass and copper (as found on PC boards) can be made from hydrogen peroxide and hydrochloric (muriatic) acid, how to powder-coat small parts and how to make nice brass plates for your homebrew gear.

John, ZS5JF sent me an e-mail about the matter. Thank you, John.

Hi Dennis,

A small correction to the brass etching portion. Muriatic acid is NOT hydrochloric acid, although the Americans tend to use this as an alternative for the correct name. Hydrochloric acid is a clear liquid, muriatic acid is dark brown.

Muriatic acid is hydrochloric acid that has been used to descale ferrous material. When hydrochloric acid comes in contact with a ferrous metal it dissolves some of the ferrous material and turns brown. In metal finishing processes it is common to use concentrated hydrochloric acid to remove mill-scale and to passivate iron and steel. When the ferrous is dissolved in concentrated hydrochloric acid it becomes muriatic acid and is sold off to recoup some money. If you put a piece of

rusty iron or steel into concentrated hydrochloric acid, it comes out with all the rust dissolved and it is a dark black colour that will not rust easily. I use it a lot for cleaning steel before machining. It removes the hard mill-scale quickly leaving virgin steel.

BTW the maximum concentration it is possible to have for hydrochloric acid is 41%, the stuff we know as 'pool acid' is true hydrochloric but it is rarely more than 38% concentration. The reason is that hydrochloric acid naturally absorbs moisture and becomes more dilute. Compared to sulphuric acid this can attain 99% concentration as it does not have the same affinity to water.

The common method of producing ferric chloride, the traditional method of etching copper and brass, is to dissolve cast iron in hydrochloric acid. As I do a lot of machining using cast iron the fine dust swarf gets collected and I then dissolve it in HCl to make ferric chloride. I have used both methods to etch copper and brass but the HCl and hydrogen peroxide mixture is a vicious and fast etchant which is a once use liquid. Once used it has to be diluted and disposed of.

To clean copper and brass a simple method is diluted sulphuric acid (battery acid). Dilute 20:1 and immerse the item to be cleaned for an hour. It comes out salmon pink and is easily buffed to a bright finish.

DX from Africa



Cape Verde, D4. Paco, EA7KNT, will be active as EA7KNT/D4 or D4ASL from Sal Island (AF-086) in Cape Verde between 23 August and 5 September.

South Sudan, Z8. Diya, YI1DZ, is expected to return to Juba after his holiday on 9 August and continues to be active as Z81D after his inspection at his workplaces (under the UN-WFP) and antennas. Activity will be on 80 to 10 metres (including 60 m) using SSB and FT8. No CW. If the space conditions allow it, Diya will make a 160 m antenna. QSL via OM3JW. All QSOs will be uploaded to QRZ.com, ClubLog, eQSL and LoTW.

Togo, 5V. Andy, KB9IJI is a long-term resident in Mango, Togo. Previously granted a special permission to be QRV as 5V/KB9IJI, now he has been issued the callsign 5VJA (correct). Plans are to upload his log to both LoTW and eQSL.

Uganda, 5X. Paolo, IZ3QFD has been active again as 5X4E from Moroto, Uganda since late July and plans to remain there for a long time. He works for a non-governmental organization, and in his spare time he operates SSB on the HF bands. Apparently, he does not QSL.

Rwanda, 9X. Members of the Holy Land DX Group (HDXG) will operate from Rwanda signing 9X4X between 24 November and 1 December. Operators mentioned are Mark, 4Z4KX, Hilik, 4X6YA, Ruben, 4Z5FI, Ruslan, 4Z5LA, Hanan, 4Z1DZ, Slava, 4Z5MU and Jan, 4X1VF. They will run 3 stations on 160 to 10 metres using CW, SSB, RTTY and FT8 (maybe SAT also). They will also participate in the CQ WW DX CW Contest (27 and 28 November). QSL via Ruben, 4Z5FI. Special thanks to Harald, DF2WO, for his outstanding support.

3Y0J Bouvet Island DXpedition News

(Press Release #4 from 3Y0J team DXpedition to Bouvet Island, November 2022)

The 3Y0J team are delighted to inform about our continued effort to activate Bouvet island. After cancellation of the previous attempt due to the ill-fated sale of the vessel Braveheart we decided to continue the effort and search for a suitable and affordable vessel.

Today we announce that we have signed a contract with an expedition vessel with a proven track record and experienced polar crew that will take us to Bouvet in November 2022. The vessel is MARAMA and is fully booked for the 2021/2022 season. The cost is significantly reduced compared to our previous Braveheart charter. With the signing of the vessel contract we will start fundraising

immediately. On this journey to Bouvet, we have assembled a team of 12 operators, we plan to spend 20 days around Bouvet. The QTH at Bouvetøya will be Cape Fie at the South East part of the island, the only feasible part where a DXpedition can safely setup the camp on rocky ground, we will not set camp on the glacier. We will have a wide area of 150 x 800 ft to setup the camp and the antenna farm.

Back in April 2020 we started our effort to activate Bouvetoya - a Norwegian DXCC in South Atlantic Ocean and also known as the world's most remote island. In close co-operation with NPI we received the needed permits in September 2020 to activate Bouvetoya, which also included a helicopter permit. We also together with NPI researched and was provided photos that showed a beach landing was possible. In November 2020 we were approached by Intrepid, we joined our efforts. After the sale of Braveheart in June we informed Intrepid that we would continue our effort to activate Bouvetoya and search for a suitable and affordable vessel. Last week we were ready to launch the vessel news to the team members.

As we sent out this information it was leaked to Intrepid group which caused Intrepid in a hurry to send out a press release the following day that they would go to Bouvet. The act of the team member came as a big surprise to us, the same did the announcement from Intrepid as they were informed, we would continue the project.

As of today, we still hold the only valid amateur radio team license specifically issued for the purpose of activating Bouvet (3Y0J). With the NPI permits, the license, the signed vessel contract and a new expedition vessel we're ready to move forward. The team of 12 operators will fund much of the budget but we also need the global DX Community to support our mission and help us make this important activation of the second most wanted DXCC entity. It is only through this kind of support that we can achieve our mission of making 120 000 contacts or more from Bouvet in November 2022. Without support there will be no activation.

In closing, we especially wish to thank our many Foundations, Clubs and Individual donors. Without this kind of support, operations to the world's rarest entities would not be possible. You can soon follow our plans from our website 3Y0J.NO (please note change of website to .no) and the 3Y0J Facebook group.

Thank you, Ken Opskar, LA7GIA; Rune Oye, LA7THA and Erwann, Merrien, LB1QI - Co-Leaders

CQ WW Contest Rules Updates

"Some exciting updates" to the CQ WW Contest, effective beginning in 2021, were announced on 1 August.

1) We have created a new YOUTH overlay that will be available to all competitors who are 25 years old or under, effective on the dates of the contest. The Cabrillo overlay format will be CATEGORY-OVERLAY: YOUTH. In support of this change, Youth overlay entries will be highlighted in the results (as is currently done for Classic and Rookies). In addition, plaques will be available for the winners.

2) A new EXPLORER category has been established to allow amateurs to participate in the CQ WW Contest while experimenting creatively with Internet-linked stations and other new technologies. The goal of this category is to encourage innovation in operating strategies, station design and technology adaptation. This new category is only for the 2021 SSB and CW events. It does not apply to CQ WW DIGI or RTTY. Please review the detailed rules at <https://cqww.com/explorer> for more information.

3) As a reminder, audio recordings may be requested for your entry as part of the log checking process. Any single operator entrant competing for a top-five finish at the (a) World, (b) Continent, or (c) USA levels, including Classic Overlay, must record the transmitted and received audio as heard by the operator for the duration of the contest operation. Failure to respond to this request may result in your log being reclassified or disqualified. [Source: <https://cqww.com/blog/2021-cqww-rules-updates/>]

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 9 to 16 August 2021.

K1USN Slow Speed Test

00:00 - 01:00 UTC 9 August

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Maximum 20 wpm - Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each state/province/country once per band; W/VE do not count as country mults

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 11 August 2021

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.k1usn.com/sst.html>

Worldwide Sideband Activity Contest

01:00 - 01:59 UTC 10 August

Geographic Focus: Worldwide

Participation: Worldwide

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: Single Op - QRP, low or high

Overlay: Youth (26 years old or younger) - Youth YL (female 26 years old or younger); YL (female older than 26 years)

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: RS and age group (OM, YL, Youth YL or Youth)

Work stations: Once per band

QSO Points: 1 point per QSO with OM; 5 points per QSO with YL; 10 points per QSO with Youth; 15 points per QSO with Youth YL

Multipliers: Each DXCC once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 01:59 UTC 11 August 2021

E-mail logs to: (none)

Upload log at: <https://logs.wwsac.com/>

Mail logs to: (none)

Find rules at: <https://wwsac.com/rules.html>



RTTYOPS Week Sprint

17:00 - 19:00 UTC 10 August

Geographic Focus: Worldwide

Participation: Worldwide

Mode: RTTY

Bands: 80, 40, 20 m

Classes: Single Op

Max operating hours: 2 hours

Exchange: other station's call, your call, serial no and your name

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 23:59 UTC 17 August 2021

E-mail logs to: rtty-week-tuesday@rttyops.com

Mail logs to: (none)

Find rules at: <http://rttyops.com/>

NAQCC CW Sprint

00:30 - 02:30 UTC 11 August

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country, NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province, or country once

Key Type Mult: 2 x if straight key, 1,5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 15 August 2021
E-mail logs to: naqcc33@windstream.net
jcoreyc@gmail.com
Upload log at:
http://naqcc.info/sprint_submit_log.html
Mail logs to: (none)
Find rules at:
http://naqcc.info/scoreboard.php?sprint_name=202108



Phone Weekly Test – Fray
02:30 - 03:00 UTC 11 August
Geographic Focus: North America
Participation: Worldwide
Mode: SSB
Bands: 160, 80, 40, 20, 15 m
Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 13 August 2021
E-mail logs to: (none)
Post log summary at:
<http://www.3830scores.com>
Mail logs to: (none)
Find rules at:
http://www.perluma.com/Phone_Fray_Content_Rules.pdf

CWops Mini-CWT Test
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 11 August and 03:00 - 04:00 UTC 12 August and 07:00 - 08:00 UTC 12 August

Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Member: Name and member no or "CWA"; non-Member: Name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 08:00 UTC 14 August 2021
Post log summary at:
<http://www.3830scores.com>
Mail logs to: (none)
Find rules at: <https://cwops.org/cwops-tests/>

RTTYOPS Week Sprint
17:00 - 19:00 UTC 12 August
Geographic Focus: Worldwide
Participation: Worldwide
Mode: RTTY
Bands: 80, 40, 20 m
Classes: Single Op
Max operating hours: 2 hours
Exchange: other station's call, your call, serial no and your name
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 23:59 UTC 19 August 2021
E-mail logs to:
rtty-week-thursday@rttyops.com
Mail logs to: (none)
Find rules at: <http://rttyops.com/>

EACW Meeting
19:00 - 20:00 UTC 12 August
Geographic Focus: Spain
Participation: Worldwide
Mode: CW
Bands: 80, 40 m
Classes: Single Op
Exchange: EACW Member: RST, member no and nickname; EA non-Member: RST, nickname and

EA province; non-EA: RST, nickname and DXCC prefix

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 23:59 UTC 14 August 2021

E-mail logs to: (none)

Post log summary at:

<https://www.eacwspain.es/subir-puntuacion-meeting/>

Mail logs to: (none)

Find rules at:

<https://www.eacwspain.es/sample-page/eacwmeeting/>

QRP Fox Hunt

01:00 - 02:30 UTC 13 August

Geographic Focus: United States

Participation: Worldwide

Mode: CW

Bands: 20 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 14 August 2021

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

http://www.qrpfoxhunt.org/summer_rules.htm

NCCC RTTY Sprint

01:45 - 02:15 UTC 13 August

Geographic Focus: North America

Participation: Worldwide

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 August 2021

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rttyns.html>

NCCC Sprint

02:30 - 03:00 UTC 13 August

Geographic Focus: North America

Participation: Worldwide

Mode: CW

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 August 2021

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>



K1USN Slow Speed Test

20:00 - 21:00 UTC 13 August

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Maximum 20 wpm - Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each state/province/country once per band; W/VE do not count as country mults

Submit logs by: 23:59 UTC 15 August 2021

Post log summary at:

http://www.3830scores.com

Mail logs to: (none)

Find rules at: <http://www.k1usn.com/sst.html>

WAE DX CW Contest

00:00 UTC 14 August to 23:59 UTC 15 August

Geographic Focus: Europe

Participation: Worldwide

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op – high or low; Multi-Op; SWL

Max operating hours: Single Op: 36 hours, off times of at least 60 minutes; Multi-Op: 48 hours

Max power: HP: >100 Watts; LP: 100 Watts

Exchange: RST and Serial no

Work stations: Once per band

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 23 August 2021

E-mail logs to: (none)

Upload log at:

<https://www.dxhf.darc.de/~waecwlog/upload.cgi?form=referat&lang=en>

Mail logs to: (none)

Find rules at: <http://www.darc.de/der-club/referate/referat-conteste/worked-all-europe-dx-contest/en/>



QRP ARCI European Sprint

08:00 - 11:00 UTC 14 August

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: All Band; High Bands; Low Bands; Single Band

Max operating hours: 4 hours

Exchange: RST, state, province or country and ARCI number no power

Work stations: Once per band

QSO Points: ARCI Member: 5 points; Non-Member, different continent: 4 points; Non-Member, same continent: 2 points; Non-Member Different Continent: 4 points; Non-Member Same Continent: 2 points; Bonus points per band: 2 000 for HB xmtr, 3 000 for HB

rcvr, 5 000 for HB transcvr; Bonus points: 5 000 for battery power portable with temporary antenna (not once per band)

Multipliers: States, once per band; VE Provinces, once per band; Countries, once per band

Power Mult: x 1 >5 W, x 7 1 – 5 W, x 10 250 mW – 1 W, x 15 55 – 250 mW, x 20 <55 mW

Score Calculation: Total score = (total QSO points x (state mults and province mults and country mults) x power mult) and bonus points

Submit logs by: 25 August 2021

E-mail logs to: (none)

Upload log at: <http://www.qrpcontest.com>

Mail logs to: (none)

Find rules at:

<http://qrparci.org/contest/european-sprint>

SARL Youth Sprint

12:00 - 13:00 UTC 14 August

Mode: CW and SSB

Bands: 40 m Only

Classes: (none)

Exchange: RS and age

QSO Points: 5 points per QSO between operators 25 or younger; 2 points per QSO between 25 or younger operator and a 26 or older operator; 1 point per QSO between operators 26 or older

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 19 August 2021

E-mail logs to: zs3vdk@mweb.co.za

Mail logs to: (none)

Find rules at:

<http://www.sarl.org.za/public/contests/contestrules.asp>

Maryland-DC QSO Party

14:00 UTC 14 August to 04:00 UTC 15 August

Geographic Focus: United States/Canada state/province QSO party

Participation: Worldwide

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, 6, 2, 432

Classes: A. Club - Single Op or Multi-Op; B. Rover; C. Oddball (see rules); D. Mobile; E. QRP; F. Standard; G. Amplified (>150 W, but not exceeding 600 W); H. Unlimited

Exchange: MDC: entry class and county; non-MDC: entry class and state, province or country; FT4/8: (see rules)

Work stations: Once per band per mode per county

QSO Points: (see rules); Bonus: 50 points for at least one QSO with W3VPR; 50 points for Oddball station submitting photo; 50 points for web submission of log; 500 points for working all 25 MDC jurisdictions

Multipliers: MDC: Each MD county, DC, Baltimore City, once only; MDC: Each state (other than MD), VE province and country once only; non-MDC: Each MD county, DC, Baltimore City, once only

Power Multiplier: (see rules)

Category Multiplier: (see rules)

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 04:00 UTC 14 September 2021

E-mail logs to: MDCQSOP@w3vpr.org

Upload log at:

https://www.w3vpr.org/QSO_Party_Submission

Mail logs to: MDC QSO Party, PO Box 308, Davidsonville, MD 21035, USA

Find rules at: <http://w3vpr.org/mdcqsop/>

Kentucky State Parks on the Air

14:00 - 22:00 UTC 14 August

Participation: Worldwide

Mode: CW, SSB, Digital

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op KY Park - low or high; Single Op - low or high; Multi-Op KY Park - low or high; Multi-Op - low or high

Max power: LP: 100 watts; HP: >100 watts

Exchange: KY Park: park abbreviation; W/VE: state or province; DX: "DX"

Work stations: Once per band per mode

QSO Points: 1 point per QSO; Bonus: 3 points for QSO with K4MSU

Multipliers: Each KY park once per band per mode

Score Calculation: Total score = (total QSO points and bonus points) x total mults

Submit logs by: 28 August 2021

E-mail logs to: kypota@murray-ky.net

Mail logs to: (none)

Find rules at: <https://k4msu.com/kypota/>

SARL HF Digital Contest

14:00 - 17:00 UTC 15 August

Geographic Focus: Southern Africa

Participation: Southern Africa

Mode: RTTY, PSK31

Bands: 80, 40, 20 m

Classes: Single Op All Band; Single Op Single Band; Multi-Op All Band; Multi-Op Single Band

Exchange: RST and serial no

Score Calculation: (see rules)

Submit logs by: 20 August 2021

E-mail logs to: zs4bfm@mweb.co.za

Mail logs to: (none)

Find rules at:

<http://www.sarl.org.za/public/contests/contestrules.asp>



NJQRP Skeeter Hunt

17:00 - 21:00 UTC 15 August

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - CW, SSB or mixed - home or portable - commercial or home brew; Multi-Op - CW, SSB or mixed - home or portable - commercial or home brew

Max power: CW: 5 watts; SSB: 10 watts

Exchange: Skeeter: RS(T), state, province or country and Skeeter no; Non-Skeeter: RS(T), state, province or country, power and "W"

Work stations: Once per band

QSO Points: 3 points per QSO with Skeeter station; 2 points per QSO with QRP non-Skeeter station; 1 point per QSO with QRO non-Skeeter station; 100 points for either posting a photo of your station to social media OR for working enough stations to spell SKEETER (see rules)

Multipliers: state/province/country only once; Home and commercial: x 1; Home and home brew: x 2; Portable and commercial: x 3; Portable and home brew: x 4

Score Calculation: Total score = (total QSO points x S/P/C mults x class mult) and bonus points

Submit logs by: 29 August 2021

E-mail logs to: w2lj@arrl.net

Mail logs to: (none)

Find rules at: <https://www.qsl.net/w2lj/>



FISTS Sunday Sprint

21:00 - 23:00 UTC 15 August

Geographic Focus: United States/Canada

Participation: Worldwide

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: QRP; QRO; Club

Max power: QRO: 100 watts; QRP: 5 watts

Exchange: FISTS: RST, state, province or country, first name and FISTS no; non-FISTS: RST, state, province or country, first name and "0"

Work stations: Once only

QSO Points: 5 points per QSO with FIST member; 2 points per QSO with non-FIST member

Multipliers: Each US state and VE province once; Each DXCC country once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 29 August 2021

E-mail logs to: sprintlogs@fistsna.org

Mail logs to: FISTS Sprint Log, 4658 Capitan Drive, Fremont, CA 94536-5448, USA

Find rules at:

<https://fistsna.org/operating.html#sprints>

Run for the Bacon QRP Contest

23:00 UTC 15 August to 01:00 UTC 16 August

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province, or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 22 August 2021

E-mail logs to: (none)

Upload log at:

<http://qrpccontest.com/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://qrpccontest.com/pigrun/>

K1USN Slow Speed Test

00:00 - 01:00 UTC 16 August

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Maximum 20 wpm - Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each state/province/country once per band; W/VE do not count as country mults

Submit logs by: 23:59 UTC 18 August 2021

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.k1usn.com/sst.html>

Next Week's Contests

Worldwide Sideband Activity Contest, 01:00 - 01:59 UTC 17 August

RTTYOPS Week Sprint, 17:00 - 19:00 UTC 17 August

Phone Weekly Test – Fray, 02:30 - 03:00 UTC 18 August
 CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 18 August and 03:00 - 04:00 UTC
 and 07:00 - 08:00 UTC 19 August
 RTTYOPS Week Sprint, 17:00 - 19:00 UTC 19 August
 EACW Meeting, 19:00 - 20:00 UTC 19 August
 QRP Fox Hunt, 01:00 - 02:30 UTC 20 August
 NCCC RTTY Sprint, 01:45 - 02:15 UTC 20 August
 NCCC Sprint Ladder, 02:30 - 03:00 UTC 20 August
 K1USN Slow Speed Test, 20:00 - 21:00 UTC 20 August
 SARTG WW RTTY Contest, 00:00 - 08:00 UTC and 16:00 - 24:00 UTC 21 August and 08:00 - 16:00 UTC
 22 August
 Russian District Award Contest, 08:00 UTC 21 August to 08:00 UTC 22 August
 Keyman's Club of Japan Contest, 12:00 UTC 21 August to 12:00 UTC 22 August
 Feld Hell Sprint, 16:00 - 17:59 UTC 21 August
 North American SSB QSO Party, 18:00 UTC 21 August to 05:59 UTC 22 August
 CVA DX CW Contest, 21:00 UTC 21 August to 21:00 UTC 22 August
 ARRL Rookie RTTY Roundup, 18:00 - 23:59 UTC 22 August
 K1USN Slow Speed Test, 00:00 - 01:00 UTC 23 August
 Worldwide Sideband Activity Contest, 01:00 - 01:59 UTC 24 August
 RTTYOPS Week Sprint, 17:00 - 19:00 UTC 24 August

<https://sarlnewsbulletin.wordpress.com/hf happenings/> and www.sarl.org.za/hf_happenings.asp

*Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the
 ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-
 News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur
 Radio Newsletter*